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Date of Deposit: November 9, 2006

Docket No.: W0571.70010US02  
(PATENT)

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas Tuschl et al.  
Serial No.: 09/821,832  
Confirmation No.: 6420  
Filed: March 30, 2001  
For: RNA SEQUENCE-SPECIFIC MEDIATORS OF RNA  
INTERFERENCE  
Examiner: Wollenberger, Louis V.  
Art Unit: 1635

Certificate of Mailing Under 37 CFR 1.8(a)  
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

Dated: \_\_\_\_\_

Sharon R. Lloyd

## DECLARATION OF THOMAS TUSCHL UNDER 37 C.F.R. §1.131

I, Thomas Tuschl state and declare the following:

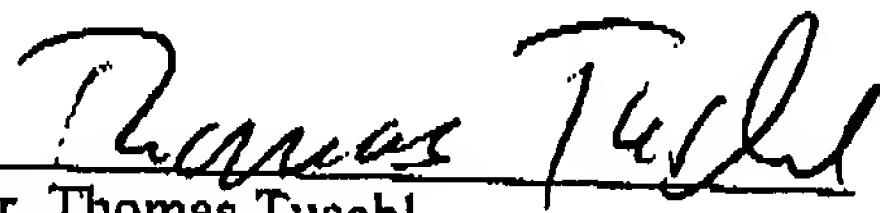
1. I am a co-inventor of the above-identified patent application with, David Bartel, Philip Zamore and Philip Sharp.
2. This Declaration is submitted as evidence that the subject matter claimed in the above-identified application was invented prior to March 16, 2000.
3. Philip Zamore, David Bartel, Philip Sharp and I co-authored a manuscript which was published as Zamore et al Cell 101, 25-33 (2000) on March 31, 2000 (referred to herein as Zamore et al manuscript).
4. The Zamore et al manuscript was accepted for publication by the journal Cell on March 10, 2000. The data described in the manuscript was not revised after March 10, 2000. A copy of the Zamore et al manuscript was attached to the amendment filed November 6, 2006 as Exhibit A.
5. The Zamore et al manuscript included in Exhibit A accurately describes the invention we made prior to March 16, 2000 and provides support for currently pending claims in the above-identified application.
6. Hammond et al was published on March 16, 2000, after the date of acceptance of the Zamore et al manuscript.

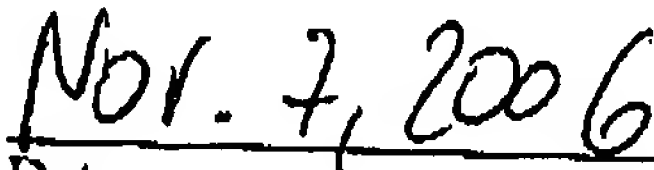
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7. Accordingly, this Declaration establishes a date of invention for the above-identified application at least as early as March 10, 2006.

I, the undersigned, declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of title 18 of the United States Code, and that such willful false statements may jeopardize the validity of this document and any patent which may issue from the above-identified patent application.

  
Dr. Thomas Tuschl

  
Date

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Dated: \_\_\_\_\_

Sharon R. Lloyd

**DECLARATION OF DAVID BARTEL UNDER 37 C.F.R. §1.131**

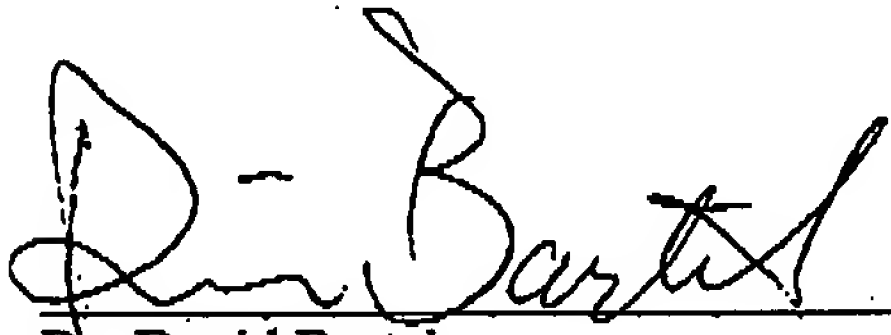
I, David Bartel state and declare the following:

1. I am a co-inventor of the above-identified patent application with, Philip Sharp, Philip Zamore and Thomas Tuschl.
2. This Declaration is submitted as evidence that the subject matter claimed in the above-identified application was invented prior to March 16, 2000.
3. Philip Zamore, Philip Sharp Thomas Tuschl and I co-authored a manuscript which was published as Zamore et al Cell 101, 25-33 (2000) on March 31, 2000 (referred to herein as Zamore et al manuscript).
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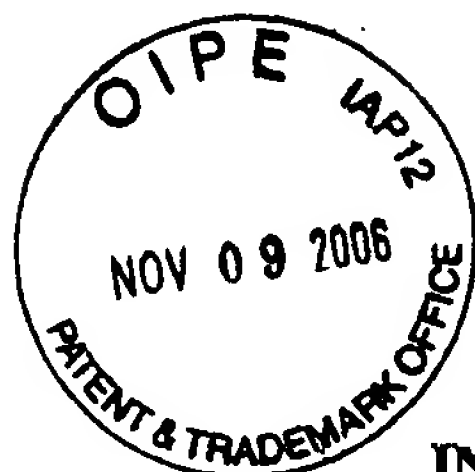
  
Dr. David Bartel

11/8/06  
Date

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Dated: \_\_\_\_\_

Sharon R. Lloyd

## DECLARATION OF PHILLIP SHARP UNDER 37 C.F.R. §1.131

I, Phillip Sharp state and declare the following:

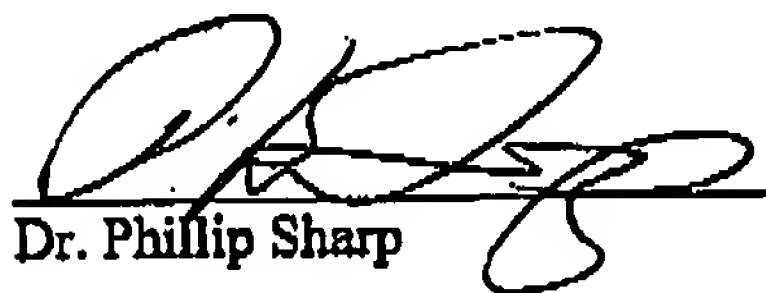
1. I am a co-inventor of the above-identified patent application with, David Bartel, Phillip Zamore and Thomas Tuschl.
2. This Declaration is submitted as evidence that the subject matter claimed in the above-identified application was invented prior to March 16, 2000.
3. Phillip Zamore, David Bartel, Thomas Tuschl and I co-authored a manuscript which was published as Zamore et al Cell 101, 25-33 (2000) on March 31, 2000 (referred to herein as Zamore et al manuscript).
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Dr. Phillip Sharp

11/7/06  
Date

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